

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1—16. (Canceled)

17. (Currently Amended) A remote computing server system that includes a server that provides remote client access to one or more programs that are run at the server, remotely from one or more client systems, and wherein the server converts display commands generated from the one or more programs into compressed video streams, the remote computing server system comprising:

a server, executing a plurality of programs, each of which generates a set of display commands which represent original display elements of a user interface for each of said plurality of programs;

an analysis module for comparing the original display elements with a set of predefined display elements stored at the server~~degradation module for degrading the plurality of sets of display commands, wherein~~ responsive to transmission bandwidth limitations that are identified by the server, the analysis module selects corresponding modified display elements from the set of predefined display elements that are most similar to one or more of the original display elements, the set of predefined elements compiled to simplify compression in accordance with said transmission bandwidth limitations;

a video compressor which receives the ~~degraded plurality of sets of~~ modified display elements selected above~~display commands from the degradation module~~ and generates there from a compressed video stream ~~from for~~ each one of said plurality of programs~~sets~~; and

a transmitter for the transmission of the plurality of compressed video streams to one or more remote locations.

18. (Currently Amended) A server according to claim 17, ~~comprising a mixing box which multiplexes said video streams onto a cable transmission network~~wherein the set of display elements stored include one or more backgrounds, icons, buttons, menus, or fonts.

19. (Currently Amended) A server according to claim 17, ~~comprising a mixing box which multiplexes said video streams onto a satellite transmission network~~wherein the set of predefined display elements stored differ from the original display elements by one or more of color, spatial frequency spectrum, size, contrast, or type.

20. (Currently Amended) In a remote computing server system that includes a server that provides remote client access to one or more programs that are run at the server, remotely from one or more client systems, and wherein the server converts display commands generated from the one or more programs into compressed video streams, a method of compressing the video streams and providing video transmission of the compressed video streams for one or more client systems, comprising:

executing, at a server computer, a plurality of programs, each of said programs generating a set of display commands responsive to an Internet connection for a client that is remote from the server computer, the set of display commands representing original display elements of a user interface for the Internet connection;

identifying a one or more transmission bandwidth limitations corresponding to a network connection between the server computer and client;

~~degrading said set of display commands responsive to the one or more transmission bandwidth limitations identified, selecting from a set of predefined display elements one or more modified display elements that are most similar to the original display elements of the user interface, the set of predefined display elements wherein said degradation of said set of display commands is performed prior to compressing said degraded sets of display commands into video streams~~ compiled within a store to simplify compression, utilize a pre-compressed display element, or both; and

transmitting each of said ~~degraded one or more modified display elements sets of display commands~~ to one or more different remote locations, wherein said ~~degraded sets of display commands~~ one or more modified display elements that represent at least a portion of the set of display commands are transmitted as compressed video streams.

21. (Currently Amended) A method according to claim 20, wherein ~~each of said programs is connected to a different Internet address~~ the set of display elements stored include one or more backgrounds, icons, buttons, menus, or fonts.

22. (Canceled)

23. (Currently Amended) A method according to claim 2021, ~~comprising generating said compressed video streams responsive to known visual limitations at said remote locations~~wherein the set of predefined display elements stored differ from the original display elements by one or more of color, spatial frequency spectrum, size, contrast, or type.

24.—44. (Canceled)

45. (New) At remote computing server system that includes a server that provides remote client access to one or more programs that are run at the server, wherein the server converts display commands generated from the one or more programs into compressed video streams, a method of selecting display elements corresponding to the display commands such that the display elements meet existing compression requirements, meet characteristics of a display device, or both, the method comprising:

executing a program that generates a set of display commands to be transmitted to a client that is remote from a server computer that executes said program, the set of display commands representing original display elements of a user interface for the program;

identifying limitations of the client including a compression required by the client, display characteristics of the remote client device, or both;

responsive to the limitations of the client identified, selecting from a set of predefined display elements stored at the server computer one or more modified display elements that are most similar to the original display elements of the user interface, the set of predefined display elements compiled to simplify compression, utilize pre-compressed display elements, or both; and

transmitting as compressed video streams each of said one or more modified display elements to the remote client, wherein said one or more modified display elements represent at least a portion of the set of display commands for the executed program.

46. (New) A server according to claim 17, wherein the set of display elements stored include one or more backgrounds, icons, buttons, menus, or fonts.

47. (New) A server according to claim 17, wherein the set of predefined display elements stored differ from the original display elements by one or more of color, spatial frequency spectrum, size, contrast, or type.